

Most frequently occurring classifications of patents returned  
from a search of 10810687 on Jan 17 , 2007

## Original Classifications

2 370/230  
2 370/419  
2 709/229

## Cross-Reference Classifications

5 370/235  
4 370/412  
4 709/232  
2 370/389  
2 370/230  
2 714/55  
2 710/28  
2 709/213  
2 709/249  
2 709/218  
2 709/226  
2 370/234

## Combined Classifications

6 370/235  
5 370/412  
4 370/230  
4 709/232  
3 709/229  
2 709/224  
2 370/338  
2 370/389  
2 370/397  
2 370/419  
2 709/225  
2 370/392  
2 714/55  
2 718/100  
2 710/28  
2 709/213  
2 709/249  
2 709/218  
2 709/226  
2 370/234  
2 707/10  
2 370/231  
2 370/252

Titles of most frequently occurring classifications of patents returned  
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- 6 370/235 (1 OR, 5 XR)
  - Class 370 MULTIPLEX COMMUNICATIONS
  - 370/229 .DATA FLOW CONGESTION PREVENTION OR CONTROL
  - 370/235 ..Flow control of data transmission through a network
- 5 370/412 (1 OR, 4 XR)
  - Class 370 MULTIPLEX COMMUNICATIONS
  - 370/351 .PATHFINDING OR ROUTING
  - 370/389 ..Switching a message which includes an address header
  - 370/412 ...Queuing arrangement
- 4 370/230 (2 OR, 2 XR)
  - Class 370 MULTIPLEX COMMUNICATIONS
  - 370/229 .DATA FLOW CONGESTION PREVENTION OR CONTROL
  - 370/230 ..Control of data admission to the network
- 4 709/232 (0 OR, 4 XR)
  - Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
  - MULTICOMPUTER DATA TRANSFERRING
  - 709/230 .COMPUTER-TO-COMPUTER PROTOCOL IMPLEMENTING
  - 709/232 ..Computer-to-computer data transfer regulating
- 3 709/229 (2 OR, 1 XR)
  - Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
  - MULTICOMPUTER DATA TRANSFERRING
  - 709/227 .COMPUTER-TO-COMPUTER SESSION/CONNECTION ESTABLISHING
  - 709/229 ..Network resources access controlling
- 2 709/224 (1 OR, 1 XR)
  - Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
  - MULTICOMPUTER DATA TRANSFERRING
  - 709/223 .COMPUTER NETWORK MANAGING
  - 709/224 ..Computer network monitoring
- 2 370/338 (1 OR, 1 XR)
  - Class 370 MULTIPLEX COMMUNICATIONS
  - 370/310 .COMMUNICATION OVER FREE SPACE
  - 370/328 ..Having a plurality of contiguous regions served by  
respective fixed stations
  - 370/338 ...Contiguous regions interconnected by a local area network
- 2 370/389 (0 OR, 2 XR)
  - Class 370 MULTIPLEX COMMUNICATIONS
  - 370/351 .PATHFINDING OR ROUTING
  - 370/389 ..Switching a message which includes an address header
- 2 370/397 (1 OR, 1 XR)
  - Class 370 MULTIPLEX COMMUNICATIONS
  - 370/351 .PATHFINDING OR ROUTING
  - 370/389 ..Switching a message which includes an address header
  - 370/395.1 ...Message transmitted using fixed length packets (e.g., ATM  
cells)
  - 370/396 ....Distributed switching
  - 370/397 .....Employing logical addressing for routing (e.g., VP or  
VC)
- 2 370/419 (2 OR, 0 XR)
  - Class 370 MULTIPLEX COMMUNICATIONS
  - 370/351 .PATHFINDING OR ROUTING

370/389 ..Switching a message which includes an address header  
 370/419 ...Input or output circuit, per se (i.e., line interface)

2 709/225 (1 OR, 1 XR)  
 Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
 MULTICOMPUTER DATA TRANSFERRING  
 709/223 .COMPUTER NETWORK MANAGING  
 709/225 ..Computer network access regulating

2 370/392 (1 OR, 1 XR)  
 Class 370 MULTIPLEX COMMUNICATIONS  
 370/351 .PATHFINDING OR ROUTING  
 370/389 ..Switching a message which includes an address header  
 370/392 ...Processing of address header for routing, per se

2 714/55 (0 OR, 2 XR)  
 Class 714 ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY  
 714/100 .DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING  
 714/1 ..Reliability and availability  
 714/48 ...Error detection or notification  
 714/55 ....Timing error (e.g., watchdog timer time-out)

2 718/100 (1 OR, 1 XR)  
 Class 718 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: VIRTUAL  
 MACHINE TASK OR PROCESS MANAGEMENT OR TASK MANAGEMENT/CONTROL  
 718/100 .TASK MANAGEMENT OR CONTROL

2 710/28 (0 OR, 2 XR)  
 Class 710 ELECTRICAL COMPUTERS AND DIGITAL DATA PROCESSING SYSTEMS:  
 INPUT/OUTPUT  
 710/1 .INPUT/OUTPUT DATA PROCESSING  
 710/22 ..Direct Memory Accessing (DMA)  
 710/28 ...With access regulating

2 709/213 (0 OR, 2 XR)  
 Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
 MULTICOMPUTER DATA TRANSFERRING  
 709/213 .MULTICOMPUTER DATA TRANSFERRING VIA SHARED MEMORY

2 709/249 (0 OR, 2 XR)  
 Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
 MULTICOMPUTER DATA TRANSFERRING  
 709/249 .MULTIPLE NETWORK INTERCONNECTING

2 709/218 (0 OR, 2 XR)  
 Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
 MULTICOMPUTER DATA TRANSFERRING  
 709/217 .REMOTE DATA ACCESSING  
 709/218 ..Using interconnected networks

2 709/226 (0 OR, 2 XR)  
 Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
 MULTICOMPUTER DATA TRANSFERRING  
 709/223 .COMPUTER NETWORK MANAGING  
 709/226 ..Network resource allocating

2 370/234 (0 OR, 2 XR)  
 Class 370 MULTIPLEX COMMUNICATIONS  
 370/229 .DATA FLOW CONGESTION PREVENTION OR CONTROL  
 370/230 ..Control of data admission to the network  
 370/232 ...Based on data flow rate measurement  
 370/234 ....Measurement of the average data flow rate

2 707/10 (1 OR, 1 XR)  
Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
STRUCTURES  
707/1 .DATABASE OR FILE ACCESSING  
707/10 ..Distributed or remote access

2 370/231 (1 OR, 1 XR)  
Class 370 MULTIPLEX COMMUNICATIONS  
370/229 .DATA FLOW CONGESTION PREVENTION OR CONTROL  
370/230 ..Control of data admission to the network  
370/231 ...End-to-end flow control

2 370/252 (1 OR, 1 XR)  
Class 370 MULTIPLEX COMMUNICATIONS  
370/241 .DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION)  
370/252 ..Determination of communication parameters